



City of South Daytona Department of Public Works

1770 Segrave Street • South Daytona, FL 32119 • 386/322-3080

MEMORANDUM

To: James L. Gillis, Jr., City Manager

From: Mark Smith, Assistant Public Works Director

Re: Consideration of approving the purchase of an excavator from Crystal Kubota & Equipment in the amount of \$58,866.42 as budgeted in the current fiscal year to assist in the cleaning and grading of stormwater swales and canals throughout the City.

Date: January 4, 2024

Proper maintenance of our swales and canals is vital to the success of our stormwater conveyance systems. Currently, the City achieves this required maintenance through the utilization of manpower walking the canals and swales, such as the Stevens Canal, with trimmers in hand. We can increase the efficiency of our efforts by utilizing mechanized equipment to perform the same task.

The purchase of an excavator, specifically for this purpose, was included in the current fiscal year budget. We wanted to secure this excavator before the upcoming hurricane season. As such, there is an opportunity to purchase this equipment now from the state contract per our purchasing requirements.

Therefore, staff is seeking approval to purchase an excavator from Crystal Kubota & Equipment in the amount of \$58,866.42 as budgeted in the current fiscal year. If approved, the excavator will be delivered by the end of the week and immediately put into service maintaining our stormwater systems.

Quote Provided By
CRYSTAL KUBOTA & EQUIPMENT
Rush Rawlins
2820 SOUTH FIREHOUSE RD
DeLand, FL 32720
email: rrawlins@crystaltractor.com
phone: 3864905040

-- Standard Features --

-- Custom Options --



K Series

KX040-4R3

*** EQUIPMENT IN STANDARD MACHINE ***

FEATURES

Eco Plus System
Auto Idler
Rubber Track Model
ROPS/OPG (Top Guard, Level I) Air Conditioning Cab
Suspension Seat
Kubota 1 Hydraulic Pump Load Sensing System
1 Variable Displacement Pump
All Controls Hydraulic Pilot Controls
Two Operating Pattern Selection System
Accumulator
Digital Control Panel
Attachment Flow Presets, Service Alerts
Standard Front Dozer Blade w/ Float
360 Degree Full Rotation
70 Degree Left, 55 Degree Right Boom Swing
17.2 gpm Adjustable Auxiliary Hydraulics Port 1
Auxiliary Hydraulics Diverter Valve
Thumb Bracket and Relief Valves
Five Second Quick Preheat System
Key Switch Stop System
Half Pitch Rubber Tracks
Self Bleed Fuel System
Auto-Downshift Two Speed Travel System
Swivel Negative Brake
Travel Negative Brake
Third Line

ENGINE

D1803 Kubota DI Turbo CRS Tier 4
Diesel Engine
3 Cylinder, 4 Cycle
38.9 Net HP @ 2200 rpm

OPERATIONAL

DIMENSIONS

Max Digging Depth 11' 2.7"
Max Digging Radius @ Ground Level 17' 9"
Max Vertical Digging Depth 7' 4.8"
Max Dumping Height 12' 9.5"

DOZER BLADE

DIMENSIONS

Width 66.9"
Height 15.75"
Lift Above Ground 15.17"
Drop Below Ground 15.94"

PERFORMANCE

Digging Force @ Bucket (K7875) 9,535 lbs.
Digging Force @ Dipper Arm 4,112 lbs.
Travel Speed (Low) 1.8 mph
Travel Speed (High) 3.1 mph
Climbing Ability 36% / 20°
Lift Capacity 4,080 lbs.
Over Front
Blade Grounded
2.0 ft. Load Point Height
8.0 ft. Load radius

DIMENSIONS AND OPERATING WEIGHT

KX040-4R3, Rubber Tracks, Air Conditioned ROPS/OPG (Top Guard, Level I) Cab, Angle Dozer Blade
Overall Length 16' 8.2"
Overall Width 5' 6.9"
Overall Height 8' 1.8"
Operating Weight 9,500 lbs.*
Ground Clearance 12.9"
* Includes operator's weight, 175 lbs.

KX040-4R3 Base Price: \$68,590.00

(1) KX040 HYD THUMB KIT \$3,923.00
K7910A-KX040 HYD THUMB KIT

(1) QUICK COUPLER \$1,386.00
K7870A-QUICK COUPLER

(1) 24" QA TRENCHING BUCKET WITHOUT TEETH \$1,843.00
K7875AC-24" QA TRENCHING BUCKET WITHOUT TEETH

Configured Price: \$75,742.00

Sourcewell Discount: (\$18,178.08)

SUBTOTAL: \$57,563.92

Dealer Assembly: \$165.00

Freight Cost: \$737.50

PDI: \$400.00

Total Unit Price: \$58,866.42

Quantity Ordered: 1

Final Sales Price: \$58,866.42

Final pricing will be based upon pricing at the time of final delivery to Sourcewell members. Purchase Order Must Reflect Final Sales Price.

To order, place your Purchase Order directly with the quoting dealer

*Some series of products are sold out for 2022. All equipment specifications are as complete as possible as of the date on the quote. Additional attachments, options, or accessories may be added (or deleted) at the discounted price. All specifications and prices are subject to change. Taxes are not included. The PDI fees and freight for attachments and accessories quoted may have additional charges added by the delivering dealer. These charges will be billed separately. Prices for product quoted are good for 60 days from the date shown on the quote. All equipment as quoted is subject to availability.